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NEBRASKA DEPARTMENT OF ENVIRONMENTAL QUALITY
Air Quality Division

INITIAL NOTIFICATION FORM

REC'D
NOV 28 2012
APCO

Applicable Rule: 40 CFR Part 63, Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion Engines (RICE) - Promulgated 6/15/04, 1/18/08, 3/3/10, & 8/20/10

Company Name Pilger Sand & Gravel, Inc.

Facility ID# _____

Owner/Operator/Title Scott Willers, President

Mailing Address 57289 8381/2 Road

City Pilger

Zip 68768

Plant Address (if different than owner/operator's mailing address):

Street _____

City _____

Zip _____

Plant Phone Number _____

Plant Contact/Title _____

This form must be completed, signed and submitted to the following agencies:

NDEQ Air Quality Division
1200 'N' St. Atrium, Suite 400
Lincoln, NE 68509-8922

and

Region VII EPA – Air & Waste Management
901 N. 5th Street
Kansas City, KS 66101-2907

If your facility is located in Omaha or Lancaster County, you must submit a notification to the appropriate air pollution control agency in that area and Region VII EPA.

Provide the following information for the applicable stationary engine(s). Add additional tables or rows as needed.

Unit #	New or Existing ¹	Site Rating Brake Horsepower	Displacement (liters/cylinder)	Fuel(s) Combusted	Compression Ignition ²	Spark Ignition	Emergency	Limited Use
1	New	475	2.5	Diesel	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> 4-Stroke <input type="checkbox"/> 2-Stroke <input type="checkbox"/> Lean Burn <input type="checkbox"/> Rich Burn	<input type="checkbox"/> YES	<input type="checkbox"/> YES
					<input type="checkbox"/> YES	<input type="checkbox"/> 4-Stroke <input type="checkbox"/> 2-Stroke <input type="checkbox"/> Lean Burn <input type="checkbox"/> Rich Burn	<input type="checkbox"/> YES	<input type="checkbox"/> YES

¹ To determine if your engine is new or existing, review the following information.

² Dual fuel engines burning more than 2% oil (on an annual average total energy basis) are considered compression ignition even if they utilize spark plugs to ignite the engine.

Unit #	New or Existing ¹	Site Rating Brake Horsepower	Displacement (liters/cylinder)	Fuel(s) Combusted	Compression Ignition ²	Spark Ignition	Emergency	Limited Use
					<input type="checkbox"/> YES	<input type="checkbox"/> 4-Stroke <input type="checkbox"/> 2-Stroke <input type="checkbox"/> Lean Burn <input type="checkbox"/> Rich Burn	<input type="checkbox"/> YES	<input type="checkbox"/> YES
					<input type="checkbox"/> YES	<input type="checkbox"/> 4-Stroke <input type="checkbox"/> 2-Stroke <input type="checkbox"/> Lean Burn <input type="checkbox"/> Rich Burn	<input type="checkbox"/> YES	<input type="checkbox"/> YES
					<input type="checkbox"/> YES	<input type="checkbox"/> 4-Stroke <input type="checkbox"/> 2-Stroke <input type="checkbox"/> Lean Burn <input type="checkbox"/> Rich Burn	<input type="checkbox"/> YES	<input type="checkbox"/> YES
					<input type="checkbox"/> YES	<input type="checkbox"/> 4-Stroke <input type="checkbox"/> 2-Stroke <input type="checkbox"/> Lean Burn <input type="checkbox"/> Rich Burn	<input type="checkbox"/> YES	<input type="checkbox"/> YES

Source Classification - Check the box that applies:

- ☐ Facility is a major source of hazardous air pollutants (HAPs).*
☒ Facility is an area source of HAPs.*

**Note: A major source is a facility that has a potential to emit greater than 10 tons per year of any single HAP or 25 tons per year of all HAPs combined. All other sources are area sources. The major/area source determination is based on all HAP emission points inside the facility fence line.*

Is the engine(s) a new/reconstructed emergency or limited use engine and > 500 horsepower located at a major source of HAP ? ☐ Yes ☒ No

If YES, the engine(s) does not have any additional requirements under Subpart ZZZZ, but you must meet the requirements of 40 CFR Part 60 New Source Performance Standards Subpart IIII for Compression Ignition Engines or Subpart JJJJ for Spark Ignition Engines .

Print or type the name and title of the Responsible Official for the facility:

Name: Scott A. Willers

Title: President

A Responsible Official can be:

- The president, vice president, secretary, or treasurer of the company that owns the plant;
- An owner of the plant;
- A plant engineer or supervisor of the plant;
- A government official, if the plant is owned by the Federal, State, City, or County government; or
- A ranking military officer, if the plant is located at a military base.

I CERTIFY THAT INFORMATION CONTAINED IN THIS REPORT IS ACCURATE AND TRUE TO THE BEST OF MY KNOWLEDGE.

Scott A. Willers
(Signature of Responsible Official)

11-13-12
(Date) **NESHAP**

Subpart ZZZZ Initial Notification Form Information

Who needs to complete and submit this form?

For major sources of HAP, the following stationary engines are subject to the initial notification requirements:

1. Non-emergency engines > 500 HP;
2. Existing non-emergency engines > 100 and \leq 500 horsepower (HP);
3. New or reconstructed emergency and limited use engines > 500 HP; and
4. New or reconstructed non-emergency four-stroke lean burn (4SLB) engines > 250 HP.

For area sources of HAP, the following stationary engines are subject to the initial notification requirements:

1. Existing non-emergency compression ignition engines > 300 HP; and
2. Existing non-emergency spark ignition 4SLB and four-stroke rich burn (4SRB) engines > 500 HP that operate >24 hours per year.

Who does not need to complete and submit this form?

The following stationary engines are not subject to the initial notification requirements:

1. Existing non-emergency engines <100 HP;
2. Existing emergency engines³;
3. Existing engines not subject to any numerical emission standards;
4. New or reconstructed engines subject to the New Source Performance Requirements under 40 CFR Part 60 (*except* for the new or reconstructed engines listed in the previous section); and
5. Sources not subject to the requirements in 40 CFR Subpart ZZZZ (see list below).

How do I know if my engine is classified as existing or new?

Your engine is classified as *existing* under NESHAP Subpart ZZZZ if your engine is:

1. >500 horsepower at a major source of HAP and installed or built on-site before 12/19/02; or
2. \leq 500 horsepower at a major source of HAP and installed or built on-site before 6/12/06; or
3. At an area source of HAP and installed or built on-site before 6/12/06.

Your engine is considered *new* if the engine was installed, built on-site, or reconstructed on or after the above dates. A change in ownership of an existing engine doesn't reclassify the engine as new.

When do I need to submit the initial notification?

The initial notification submittal deadline depends on your source type, classification, and startup date (for new sources).

1. Existing spark ignition 4SRB engine and new or reconstructed engine >500 HP at major sources of HAP
 - a. Startup before 8/16/04; notification was due 12/13/04.
 - b. Startup on or after 8/16/04; notification is due 120 days after becoming subject to the rule.
2. New or reconstructed engine \leq 500 HP at major sources of HAP
 - a. Startup before 3/18/08; notification was due 7/16/08.
 - b. Startup on or after 3/18/08; notification is due 120 days after becoming subject to the rule.
3. Existing compression ignition engines at major and area sources of HAP
 - a. Due 8/31/10 or within 120 days after becoming subject to the rule.
4. Existing spark ignition engines \leq 500 HP at major sources of HAP and existing spark ignition engines at area sources of HAP

³ An emergency engine's operation is *limited* to emergency situations and required testing and maintenance. See the rule definition at § 63.6675 for more detail.

- a. Due 2/16/11 or within 120 days after becoming subject to the rule.

When do I have to comply with Subpart ZZZZ?

1. Existing spark ignition 4SRB engines > 500 HP at a major source of HAP were required to be in compliance by 6/15/07.
2. New or reconstructed engines > 500 HP at major sources of HAP
 - Started up before 8/16/04 were required to be in compliance by 8/16/04.
 - Started up after 8/16/04 must be in compliance upon startup.
3. New or reconstructed engines ≤ 500 HP at major sources of HAP and new or reconstructed engines at area sources of HAP
 - Started up before 1/18/08 were required to be in compliance by 1/18/08
 - Started up after 1/18/08 must be in compliance upon startup.
4. Existing non-emergency compression ignition engines > 500 HP at a major source of HAP, existing engines ≤ 500 HP at a major source of HAP, and existing compression ignition engines at an area source of HAP must be in compliance by 5/3/13.
5. Existing non-emergency spark ignition engines ≤ 500 HP at a major source of HAP and existing spark ignition at an area source of HAP must be in compliance by 10/19/13.
6. Area sources that become major sources of HAP
 - Engines installed or built on-site after the date the area source becomes a major source must comply upon startup of the engine.
 - Engines installed or built on-site before the date the area source becomes a major source must comply within three years of becoming a major source.

Who is not subject to the requirements in Subpart ZZZZ?

The following *existing* sources are not subject to the requirements in 40 CFR Part 63 Subpart A or Subpart ZZZZ:

1. Spark ignition 4SLB engines > 500 HP at a major source of HAP;
2. Spark ignition 2SLB engines > 500 HP at a major source of HAP;
3. Emergency or limited use⁴ engines > 500 HP at major source of HAP;
4. Engines that combust landfill gas or digester gas equivalent to 10% or more of the gross heat input on an annual basis > 500 HP at a major source of HAP; and
5. Emergency residential, commercial, or institutional engines at an area source of HAP.

Where can I find more information about the requirements for Subpart ZZZZ?

You can find more information about Subpart ZZZZ, including federal register notices, brochures, and implementation tools, by going to the NDEQ website at www.deq.state.ne.us. Select "Focus on Air," then "Air Toxics Program," then under the "Air Toxics Notebook" select the link for Subpart ZZZZ. You can also find it at this direct link: <http://www.deq.state.ne.us/AirToxic.nsf/pages/ZZZZ>. You can also contact the Air Toxics Coordinator at (402) 471-2189.

⁴ Limited use means any stationary engine that operates less than 100 hours per year.